

GripTight® Elbow Test Plug

Solution Overview

GripTight Elbow Test Plug reduce testing time by up to 95% over conventional methods by eliminating the need to weld on pressure testing pipe spools and piping systems terminating in long radius elbows.

Features

- Fits most long radius elbows
- Orientation free installation - no need to align with elbow
- Saves significant time vs. welded-on end cap/pup procedures
- Patented dual-serrated GripTight MAX® grippers
- Patented self-aligning grippers / and seal design
- Reusable for multiple tests

Advantages

- Safe – No hot work permitting required
- Save on significant man-hours on expensive welders
- Complete tests in 85-95% less time than welding caps
- Self-centering design simplifies installation
- Safety gags available for increased safety during test
- Designed to accommodate a large range of pipe materials including: Carbon Steel, Stainless Steel, Duplex, Inconel, Incoloy, Hastelloy, Chromoly, Clad Elbows, Hardened Materials

Size/Pressure Range Capabilities

Test Pressures: 3,350 PsiG (231 BarG) – higher pressures available upon request

Size Range: 2" to 48" (DN50 to DN1200)

Common Questions

Q: Can the Elbow Test Plug be used on a straight pipe?

A: Yes! The GTLBO can be used in both long-radius elbow pipes, or straight pipes. However, the GTMAX is better suited for higher pressure straight-pipe applications.

Q: Will the Elbow Test Plug grippers damage the elbow?

A: The grippers leave minute contact spots well within the allowance.

Q: Can I use the test plug for both hydrostatic and pneumatic testing?

A: Yes! Be cautioned that pneumatic testing is inherently more dangerous due to the stored energy in a compressed gas versus a non-compressible liquid. Always observe the current version of ASME PCC-2 for safety measures.

Cross-sell / Up-sell Opportunity

- Other test plugs
- Safety gags
- Replacement Grippers & Seals
- Lifting Arms
- Vent Assemblies

